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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/611,178	07/06/2000	Jack H. Chang	UNI-001	5599

7590 10/31/2007  
David B Ritchie  
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EXAMINER
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HASHEM, LISA

ART UNIT	PAPER NUMBER
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2614

MAIL DATE	DELIVERY MODE
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10/31/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<p align="center"><b>Office Action Summary</b></p>	<b>Application No.</b> 09/611,178	<b>Applicant(s)</b> CHANG, JACK H.	
	<b>Examiner</b> Lisa Hashem	<b>Art Unit</b> 2614	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 August 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8, 25-40 and 46-84 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-8, 25-40 and 46-84 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**FINAL DETAILED ACTION**

1. This application is in condition for allowance except for the following formal matters:

In claim 1, line 10,

the phrase "said global subscriber database" has been changed to

--a global subscriber database--.

In claim 1, line 17,

the phrase "said slave message mailbox" has been changed to

--said slave message mailbox cache--.

In claim 1, line 20,

the phrase "said slave message mailbox" has been changed to

--said slave message mailbox cache--.

In claim 25, line 9,

the phrase "said slave message mailbox" has been changed to

--said slave message mailbox cache--.

In claim 25, lines 12 and 13,

the phrase "said slave message mailbox" has been changed to

--said slave message mailbox cache--.

In claim 25, lines 23 and 24,

the phrase "said global subscriber database" has been changed to

--a global subscriber database--.

In claim 33, line 12,

the phrase "said slave message mailbox" has been changed to

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--said slave message mailbox cache--.

In claim 33, line 25,

the phrase "said global subscriber database" has been changed to

--a global subscriber database--.

In claim 33, lines 29 and 30,

the phrase "said individual subscribers" has been changed to

--individual subscribers--.

In claim 70, lines 12 and 13,

the phrase "said slave message mailbox" has been changed to

--said slave message mailbox cache--.

In claim 70, line 25,

the phrase "said global subscriber database" has been changed to

--a global subscriber database--.

In claim 70, line 31,

the phrase "said individual subscribers" has been changed to

--individual subscribers--.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

***Allowable Subject Matter***

2. The following is a statement of reasons for the indication of allowable subject matter of claims 1-8, 25-40, and 46-84:

U.S. Pat. No. 6,487,278 by Skladman et al (hereinafter Skladman) discloses a system for providing PBX-integrated unified messaging services including voice messaging, fax messaging, and e-mail messaging on a wide-area network (see Abstract; Figs. 1a and 1b), comprising: one or more corporate communication platforms or enterprise system that provides services to users within a predetermined enterprise, such as a business or government organization (Fig. 1b, 22), each of said one or more corporate communication platforms coupled to a switched backbone or Internet (Fig. 1, 56) via a router (col. 3, lines 60-67; col. 6, lines 6-7), integrated with a PBX or LDS (Fig. 1a, 48) via a PBX interface or PSTN (Fig. 1a, 62) (col. 3, lines 5-47), and comprising a slave message mailbox cache or voice-mail server (Fig. 1a, 50) or e-mail server (Fig. 1b, 28); and a plurality of system communication platforms or disparate messaging systems inherently coupled to said switched backbone (col. 3, lines 60-67; col. 6, lines 21-34), wherein one such system communication platform or unified messaging center (Fig. 1a, 26) comprises a master message mailbox or unified message server (Fig. 1a, 64), said master message mailbox configured to store a plurality of message types, said message types comprising email, voicemail, and fax, wherein said slave message mailbox cache is synchronized with said master message mailbox (col. 4, line 9 – col. 5, line 6); each of said one or more corporate platforms assigned to one of said plurality of system communication platforms and each of said plurality of system communication platforms assigned to zero or more of said one or more corporate communication platforms (col. 3, lines 15-19; col. 6, lines 21-34). The unified message server (i.e. master

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message mailbox) can access a voice-mail server or e-mail server (i.e. slave message mailbox cache) upon request to retrieve messages stored in those servers

rather than said slave message mailbox cache is bi-directionally synchronized in real-time with said master message mailbox and said slave message mailbox cache storing a plurality of message types comprising: email, voicemail, and fax..

U.S. Pat. No. 6,792,085 by Rigaldies et al, hereinafter Rigaldies, discloses a system for providing PBX-integrated unified messaging services on a local-area network (see Abstract; Fig. 1), comprising:

a communication platform (Fig. 1, 10) coupled to a switched backbone (LAN) integrated with a PBX (Fig. 1, 400) via a PBX interface or PSTN (Fig. 1, 420), and comprising a slave message mailbox cache or workstation mailbox (Fig. 1, 150) comprising email and voicemail; and the platform comprises a master message mailbox or voice-mail server (Fig. 1, 200), wherein said slave message mailbox cache (Fig. 1, 150) is bi-directionally synchronized in real-time (col. 12, lines 14-27; col. 20, lines 19-33) with said master message mailbox such that all changes to said slave message mailbox are reported immediately to said one such system communication platform, changes to all messages in said master message mailbox that are associated with are reported immediately to the communication platform comprising said slave message mailbox cache (col. 3, lines 38-56),

and changes to all messages in said master message mailbox that are not associated with said communication platform comprising said slave message mailbox cache are not reported to the communication platform comprising said slave message mailbox cache (i.e. incoming messages from the voice-mail server are sent to the workstation mailbox (i.e. slave message mailbox

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cache) and deletions of messages from the workstation mailbox are also reflected in the voice-mail server) (col. 9, lines 28-36)

(col. 7, lines 30-63; col. 8, line 61 – col. 9, line 1; col. 9, lines 16-27; col. 10, lines 26-45; col. 11, lines 19-32; col. 12, lines 14-27; col. 14, lines 50-57; col. 15, line 59 – col. 16, line 6). The master message mailbox and slave message mailbox cache comprise email and voicemail rather than email, voicemail, and fax.

Therefore, the prior art do not meet the requirements of the claimed invention, which requires:

a system communication platform comprising a master communication platform configured to updated a subscriber database in each of said plurality of system communication platforms to reflect changes to a global subscriber database when said master communication platform determines said global subscriber database has changed;

each of said slave message mailbox cache storing a plurality of message types comprising: email, voicemail, and fax;

said slave message mailbox cache is bi-directionally synchronized in real-time with said master message mailbox cache such that each change to said slave message mailbox cache is reported immediately to said one such system communication platform, each change to a message in said master message mailbox that is associated with a corporate communicaiton platform comprising said slave message mailbox cache is reported immediately to said corporate communication platform comprising said slave message mailbox cache, and each change to a message in said master message mailbox that is not associated with said corporate communication platform

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comprising said slave message mailbox cache is not reported to the corporate communication platform comprising said slave message mailbox cache , as cited in claims 1, 25, 33, and 70.

***Conclusion***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO-892 Form.

4. Any response to this action should be mailed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Or faxed to:**

(571) 273-8300 (for formal communications intended for entry)

**Or call:**

(571) 272-2600 (for customer service assistance)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lisa Hashem whose telephone number is (571) 272-7542. The examiner can normally be reached on M-F 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (571) 272-7547. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

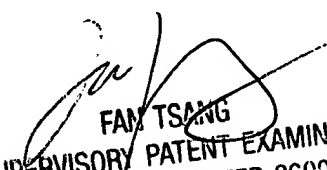


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5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

lh

October 29, 2007

  
FAN TSANG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600